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PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: P. Coleman, et al.

Group Art No.: 1645

Serial No.: 09/821,877

Examiner: (not yet assigned)

Filed: March 30, 2001

Title: A HEPATITIS B VIRUS  
SURFACE ANTIGEN MUTANT AND  
METHODS OF DETECTION THEREOF

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the:

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Commissioner for Patents  
Washington, D.C. 20231, on:

Date of Deposit: September 20, 2001

Tanya Benavidez 9/20/01  
Tanya Benavidez Date

Commissioner for Patents  
Washington D.C. 20231

Dear Sir:

PRELIMINARY AMENDMENT

IN THE SPECIFICATION:

Please replace the paragraphs on page 7, lines 9-14 with the following replacement paragraphs:

Figure 3 represents the nucleic acid sequence of the small HBsAg envelope protein for subtype ayw<sub>2</sub> wildtype HBV virus (SEQ ID NO:3).

Figure 4 represents the alignment and translation of the nucleotide sequence of the mutant and wildtype ayw<sub>2</sub> small envelope proteins (SEQ ID NO:6), (SEQ ID NO:7) and (SEQ ID NO:8).

Please add pages 1-5 of the Sequence Listing, submitted herewith, to the specification.

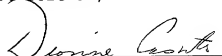
REMARKS

Applicants have amended the specification to correct a typographical error in the description of Figure 3 and to include appropriate SEQ ID NOS in the description of Figure 4. Applicants have provided a marked up copy of the amendments showing the changes made thereto.

Applicants also have provided initial paper and computer-readable form copies of the Sequence Listing as well as a statement to support that filing and submission. Applicants respectively submit that the amendments to the specification and the addition of the Sequence Listing add no new matter and request their entry into the record.

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Respectfully Submitted,  
P. Coleman, et al.

  
Dianne Casuto  
Registration No. 40,943  
Attorney for Applicants



MARKED UP COPY OF THE CHANGES TO THE SPECIFICATION:

Please amend the specification on page 7, lines 9-14 as follows:

Figure 3 represents the [amino acid] nucleic acid sequence of the small HBsAg envelope protein for subtype ayw<sub>2</sub> wildtype HBV virus (SEQ ID NO:3).

Figure 4 represents the alignment and translation of the nucleotide sequence of the mutant and wildtype ayw<sub>2</sub> small envelope proteins (SEQ ID NO:6), (SEQ ID NO:7) and (SEQ ID NO:8).